

## EAST Search History

| Ref # | Hits   | Search Query                                      | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|--------|---|---|------------------|---------|---------------------|
| L1    | 419616 | tube and (projection or rib or ridge or fin)      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/27<br>08:15 |
| L3    | 9885   | tube.ti. with (projection or rib or ridge or fin) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/27<br>08:17 |
| L4    | 5915   | tube.ti. with (projection or rib or ridge)        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/27<br>08:18 |
| L5    | 2026   | 428/34.1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/27<br>08:21 |
| L6    | 0      | 15 and tube.ti. with (projection or rib or ridge) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/27<br>08:21 |
| L7    | 25     | 15 and tube with (projection or rib or ridge)     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/27<br>08:21 |
| L8    | 116    | 15 and tube and (projection or rib or ridge)      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/27<br>08:38 |
| L9    | 257    | 222/92.idls.                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/27<br>09:03 |

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| L10 | 48   | 222/93.idls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>09:03 |
| L11 | 490  | 222/94.idls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>09:03 |
| L12 | 20   | 222/97.idls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>09:03 |
| L13 | 54   | 222/99.idls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L14 | 54   | 222/100.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L15 | 58   | 222/101.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L16 | 247  | 222/103.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L17 | 1189 | 222/105.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L18 | 71   | 222/106.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L19 | 605  | 222/107.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L20 | 22   | 220/667.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L21 | 249  | 220/669.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L22 | 25   | 220/670.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L23 | 74   | 220/671.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L24 | 68   | 220/672.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L25 | 33   | 220/673.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L26 | 39   | 220/674.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L27 | 314  | 220/675.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L28 | 116  | 220/676.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L29 | 23   | 220/677.idls. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |

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| L30 | 32       | 220/678.ids.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:03 |
| L31 | 15285448 | L9 or L10 or L11 or s "124" or s "125" or L12 or s "128" or L13 or L14 or L15 or s "132" or L16 or s "134" or L17 or L18 or L19 or L20 or L21 or L22 or L23 or L24 or L25 or L26 or L27 or L28 pr L29 or L30 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>09:03 |
| L32 | 623      | 222/95.ids.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>09:04 |
| L33 | 80       | 222/96.ids.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>09:04 |
| L34 | 5        | 222/98.ids.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:04 |
| L35 | 98       | 222/102.ids.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:04 |
| L36 | 8        | 222/104.ids.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>09:04 |
| L37 | 546970   | L9 or L10 or L11 or L32 or L33 or L12 or L34 or L13 or L14 or L15 or L35 or L16 or L36 or L17 or L18 or L19 or L20 or L21 or L22 or L23 or L24 or L25 or L26 or L27 or L28 pr L29 or L30                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>09:04 |
| L38 | 33173    | I37 and tube and (projection or rib or ridge or fin)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>09:05 |
| L39 | 6348     | I37 and tube with (projection or rib or ridge or fin)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>09:05 |
| L40 | 2832     | I37 and tube with (projection)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>09:05 |

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| L42 | 121    | l37 and tube with projection and laminat\$4      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/27<br>09:08 |
| S1  | 0      | (laminat* with tube) and substrate and project*  | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/17<br>09:11 |
| S2  | 0      | (laminat* with tube)                             | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/16<br>16:34 |
| S3  | 0      | laminat* with tube                               | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/16<br>16:34 |
| S4  | 0      | laminat*   | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/16<br>16:34 |
| S5  | 147204 | lamine   | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/16<br>16:34 |
| S6  | 0      | laminat*   | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/16<br>16:35 |
| S7  | 4      | lamine with tube with projecting                 | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/16<br>16:36 |
| S8  | 3004   | lamine with tube                                 | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/16<br>16:36 |
| S9  | 0      | (lamine with tube) and substrate and projectiing | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/16<br>16:36 |
| S10 | 33     | (lamine with tube) and substrate and projecting  | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/16<br>16:38 |
| S11 | 127    | (lamine with tube) and substrate and project\$   | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/16<br>16:44 |
| S12 | 776    | (lamine with tube) and substrate                 | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/17<br>15:23 |
| S13 | 0      | "jp 1980148341"                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/17<br>09:12 |
| S14 | 0      | "1980148341"                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/17<br>09:12 |
| S15 | 0      | ("1980148341").PN.                               | US-PGPUB;<br>USPAT  | OR | OFF | 2007/10/17<br>09:12 |
| S16 | 1      | "jp 3018365"                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/17<br>15:27 |

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| S17 | 0 | "ep 03771444" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:28 |
| S18 | 0 | "jp 318365"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:39 |
| S19 | 0 | "jp 008544"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:39 |
| S20 | 0 | "jp 8544"     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:40 |
| S21 | 0 | "jp \$8544"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:40 |
| S22 | 0 | "jp 008544"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:40 |
| S23 | 0 | "jp 91585"    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:40 |
| S24 | 0 | "jp 091585"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:47 |
| S25 | 0 | "jp 56606"    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:47 |

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| S26 | 0     | "jp 198456606"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:55 |
| S27 | 4004  | tube.ti. and laminated  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:56 |
| S28 | 475   | tube.ti. and laminated and<br>axial   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>15:57 |
| S29 | 7     | tube.ti. and laminated and<br>axial and toothpaste  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>16:04 |
| S30 | 109   | tube.ti. and laminated and<br>toothpaste  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>16:11 |
| S31 | 103   | tube.ti. and laminated and<br>substrate and aluminum  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/17<br>16:14 |
| S32 | 0     | container with surface with<br>projections with linear  | US-PGPUB;<br>USPAT  | OR | ON | 2007/10/18<br>09:23 |
| S33 | 42    | container with surface with<br>projections with linear  | US-PGPUB;<br>USPAT  | OR | ON | 2007/10/18<br>09:24 |
| S34 | 1530  | container with surface with<br>ridges   | US-PGPUB;<br>USPAT  | OR | ON | 2007/10/18<br>09:24 |
| S35 | 431   | container with surface with<br>ridges and tube  | US-PGPUB;<br>USPAT  | OR | ON | 2007/10/18<br>09:24 |
| S36 | 48096 | (tube or (hollow adj cylinder)<br>or pipe or hose) with (project<br>\$4 or "projecting portion" or<br>flange or rib\$5 or lip or ridg<br>\$3) with (axial or length\$5) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/07<br>14:47 |
| S37 | 20827 | (tube or (hollow adj cylinder)<br>or pipe or hose) with (project<br>\$4 or "projecting portion" or<br>flange or rib\$5 or lip or ridg<br>\$3) with (axial or length\$5) | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>14:55 |

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| S38 | 31998   | (tube or (hollow adj cylinder)) with (project\$4 or "projecting portion" or flange or rib\$5 or lip or ridg\$3) with (axial or length\$5) | US-PGPUB;<br>USPAT; USOCR,<br>FFRS, EPO,<br>JPO,<br>DERWENT;<br>JBM_TDB | OR | ON | 2007/11/07<br>14:57 |
| S39 | 6239    | (tube) with (project\$4 or "projecting portion" or flange or rib\$5 or lip or ridg\$3) with (axial or lengthways or lenghtwise)           | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:01 |
| S40 | 3       | "510646".ap.  | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:20 |
| S41 | 1933    | 428/34.1  | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:33 |
| S42 | 574     | 428/34.6  | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:33 |
| S43 | 680     | 428/34.7  | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:34 |
| S44 | 1320995 | projection or nub or ridge or rib or cleat or clog or fin or stud or tooth or tab   | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:35 |
| S45 | 590     | S41 and S44   | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:36 |
| S46 | 103     | S42 and S44   | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:36 |
| S47 | 100     | S46 and (@pd<"20020731" or @ad<"20020731" or @prad<"20020731" or @riad<"20020731")  | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:39 |
| S48 | 886194  | aluminum or aluminium   | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:49 |
| S49 | 183     | S45 and S48   | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:49 |
| S50 | 0       | S49 and tooth\$1paste\$1  | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:50 |
| S51 | 10987   | tooth\$1paste\$1  | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:51 |
| S52 | 4       | S41 and S51   | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:51 |
| S53 | 2401    | S51 with tube   | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:55 |
| S54 | 395     | S53 same S44  | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:56 |
| S55 | 300     | S54 and (@pd<"20020731" or @ad<"20020731" or @prad<"20020731" or @riad<"20020731")  | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>15:58 |
| S56 | 1161603 | projection or nub or ridge or rib or cleat or clog or fin or stud or tab  | US-PGPUB;<br>USPAT  | OR | ON | 2007/11/07<br>16:01 |

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| S57 | 326  | S56 same S51  | US-PGPUB;<br>USPAT  | OR | ON  | 2007/11/07<br>16:01 |
| S58 | 138  | S57 same tube   | US-PGPUB;<br>USPAT  | OR | ON  | 2007/11/07<br>16:01 |
| S59 | 119  | S56 same S53  | US-PGPUB;<br>USPAT  | OR | ON  | 2007/11/07<br>16:02 |
| S60 | 95   | S59 and (@pd<"20020731" or<br>@ad<"20020731" or<br>@prad<"20020731" or<br>@riad<"20020731")   | US-PGPUB;<br>USPAT  | OR | ON  | 2007/11/07<br>16:02 |
| S61 | 0    | ("00034.7").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2007/11/07<br>16:06 |
| S62 | 436  | (428/34.7).OCLS.  | US-PGPUB;<br>USPAT  | OR | OFF | 2007/11/07<br>16:06 |
| S63 | 436  | (428/34.7).OCLS.  | US-PGPUB;<br>USPAT  | OR | OFF | 2007/11/07<br>16:07 |
| S64 | 1507 | (428/34.1).OCLS.  | US-PGPUB;<br>USPAT  | OR | OFF | 2007/11/07<br>16:07 |
| S65 | 475  | (206/222).OCLS.   | US-PGPUB;<br>USPAT  | OR | OFF | 2007/11/07<br>16:15 |
| S66 | 0    | ("09and30").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2007/11/07<br>16:15 |
| S67 | 249  | S44 and S65   | US-PGPUB;<br>USPAT  | OR | ON  | 2007/11/07<br>16:15 |
| S68 | 211  | S67 and (@pd<"20020731" or<br>@ad<"20020731" or<br>@prad<"20020731" or<br>@riad<"20020731")   | US-PGPUB;<br>USPAT  | OR | ON  | 2007/11/07<br>16:15 |
| S69 | 564  | (tube or (hollow adj cylinder)<br>or pipe or hose or container)<br>with (project\$4 or "projecting<br>portion" or flange or rib\$5 or<br>lip or ridg\$3) with (laminat\$4)<br>and (aluminum or aluminium)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/11<br>08:24 |
| S70 | 3    | (tube or (hollow adj cylinder)<br>or pipe or hose or container)<br>with (project\$4 or "projecting<br>portion" or flange or rib\$5 or<br>lip or ridg\$3) with (laminat\$4)<br>and (aluminum or aluminium)<br>and toothpaste | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/11<br>08:27 |
| S71 | 4517 | toothpaste with tube  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/11<br>08:28 |
| S72 | 357  | toothpaste with tube with<br>(aluminum or aluminium)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/11<br>08:29 |



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| S73 | 936734 | (laminat\$4) tube with (aluminum or aluminium)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>08:44 |
| S74 | 875    | (laminat\$4) with (tube or container or dispenser) with (aluminum or aluminium)                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/11<br>08:44 |
| S75 | 26     | (tube or container or dispenser) with (tooth or dental or teeth) with (aluminum or aluminium) with laminat\$4  | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:17 |
| S76 | 21     | (tube or container or dispenser) with (tooth or dental or teeth) with (aluminum or aluminium) with laminated   | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:18 |
| S77 | 36     | (tube or container or dispenser) with (tooth or dental or teeth) with (aluminum or aluminium) and (laminat\$4) | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:19 |
| S78 | 191    | (tube or container or dispenser) with (tooth or dental or teeth) and (aluminum or aluminium) same (laminat\$4) | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:19 |
| S79 | 7      | (tube or container or dispenser) with (rib or ridge or protrusion or bumps) with soft with grip                | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:30 |
| S80 | 856    | (tube or container or dispenser) with (rib or ridge or protrusion or bumps) with grip                          | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:32 |
| S81 | 126    | (tube or container or dispenser) with (rib or ridge or protrusion or bumps) with grip and soft                 | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:32 |
| S82 | 25     | (tube or container or dispenser) same (rib or ridge or protrusion or bump) same surface same grip same soft    | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:40 |
| S83 | 1173   | (tube or container or dispenser) same (rib or ridge or protrusion or bump) same surface same grip              | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:46 |
| S84 | 198    | (tube or container or dispenser) same (rib or ridge or protrusion or bump) same surface same grip and soft     | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:46 |

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|-----|------|--|---|----|----|---------------------|
| S85 | 227  | (tube or container or dispenser) same (rib\$5 or ridg \$3 or protrusion or bump) same surface same grip and soft | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:55 |
| S86 | 2067 | (rib\$5 or ridg\$3 or protrusion or bump) same surface same grip and soft  | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>09:58 |
| S87 | 40   | (rib\$5 or ridg\$3 or protrusion or bump) with surface with grip with soft                                       | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>10:00 |
| S88 | 870  | (rib\$5 or ridg\$3 or protrusion or bump) with surface with grip and soft  | US-PGPUB;<br>USPAT  | OR | ON | 2007/12/11<br>10:25 |
| S89 | 0    | GB-1116910-  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>06:54 |
| S90 | 0    | GB-1116910-\$.DID  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>06:54 |
| S91 | 0    | GB-2191167-\$.DID  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>06:55 |
| S92 | 0    | DE-2930783-\$.DID  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>06:57 |
| S93 | 0    | DE2930783  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>06:58 |
| S94 | 10   | "2930783"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>06:58 |
| S95 | 4519 | toothpaste with tube   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>07:02 |

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| S96  | 789   | toothpaste with tube and (ridge or projection or rib or bump)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>07:02 |
| S97  | 80366 | tube with (ridge or projection or rib or bump)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>08:20 |
| S98  | 135   | (dispensing adj2 tube) with (ridge or projection or rib or bump) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>08:21 |
| S99  | 27139 | grip with (ridge or projection or rib or bump)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>08:32 |
| S100 | 192   | grip with (ridge or projection or rib or bump) with soft         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>08:32 |
| S101 | 258   | toothpaste with tube same layer                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>08:46 |
| S102 | 48    | toothpaste with tube same layer same flexible                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>08:46 |
| S103 | 4     | toothpaste with tube same layer same flexible same hard          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>08:50 |
| S104 | 62    | toothpaste same tube same layer same flexible                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>09:36 |

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| S105 | 186 | toothpaste same tube and layer same flexible                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>09:43 |
| S106 | 160 | toothpaste same tube and (aluminum or aluminium) with laminat\$4 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:04 |
| S107 | 0   | toothpaste same package same seales                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:21 |
| S108 | 97  | toothpaste same package same sealed                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:21 |
| S109 | 25  | toothpaste same packet same sealed                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:23 |
| S110 | 74  | toothpaste same packet   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:25 |
| S111 | 129 | toothpaste same pouch  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:29 |
| S112 | 0   | wo-1998010995-\$.dtd.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:53 |
| S113 | 0   | wo-1998010995-   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:53 |

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| S114 | 3139284 | wo "1998010995" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:53 |
| S115 | 0       | "1998010995"    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:54 |
| S116 | 18      | "010995"        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:54 |
| S117 | 446815  | "221"           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:17 |
| S118 | 1       | "221".cls.      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:18 |
| S119 | 1       | "221".cls.      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:18 |
| S120 | 1811    | 222/92          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:20 |
| S121 | 250     | 222/92.cls.     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:20 |
| S122 | 46      | 222/93.cls.     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:48 |

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| S123 | 486  | 222/94.idls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:50 |
| S124 | 614  | 222/95.idls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>06:58 |
| S125 | 80   | 222/96.idls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>07:22 |
| S126 | 19   | 222/97.idls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>07:27 |
| S127 | 29   | ("0626021"   "1407997"  <br>"1672602"   "1894152"  <br>"1987428"   "1996792"  <br>"2077715"   "2635787"  <br>"2838207"   "2903162"  <br>"D038579").PN. OR<br>("4997107").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>07:37 |
| S128 | 5    | 222/98.idls.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>09:36 |
| S129 | 54   | 222/99.idls.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>13:25 |
| S130 | 54   | 222/100.idls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>13:30 |
| S131 | 55   | 222/101.idls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>13:32 |
| S132 | 97   | 222/102.idls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>13:37 |
| S133 | 242  | 222/103.idls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>13:42 |
| S134 | 8    | 222/104.idls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>14:37 |
| S135 | 1169 | 222/105.idls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>14:38 |
| S136 | 71   | 222/106.idls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>15:39 |
| S137 | 590  | 222/107.idls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>15:42 |
| S138 | 22   | 220/667.idls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/17<br>16:10 |

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| S139 | 238    | 220/669.ids.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/17<br>16:12 |
| S140 | 25     | 220/670.ids.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/17<br>16:28 |
| S141 | 73     | 220/671.ids.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/17<br>16:33 |
| S142 | 65     | 220/672.ids.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>06:41 |
| S143 | 32     | 220/673.ids.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>07:04 |
| S144 | 37     | 220/674.ids.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>07:07 |
| S145 | 305    | 220/675.ids.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>07:19 |
| S146 | 111    | 220/676.ids.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>09:29 |
| S147 | 20     | 220/677.ids.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>09:36 |
| S148 | 31     | 220/678.ids.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>09:37 |
| S149 | 1192   | tube and "barrier layer" with<br>aluminum   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>15:57 |
| S150 | 115144 | tube and tooth ("barrier layer"<br>with aluminum)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>15:57 |
| S151 | 189    | tube and (tooth or paste or<br>toothpaste or "tooth paste" or<br>tooth-paste) and ("barrier<br>layer" with aluminum)              | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>15:58 |
| S152 | 37     | tube and (tooth or paste or<br>toothpaste or "tooth paste" or<br>tooth-paste) and ("barrier<br>layer" with aluminum) and<br>rigid | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>15:58 |
| S153 | 8772   | tube and (tooth or paste or<br>toothpaste or "tooth paste" or<br>tooth-paste) and aluminum<br>and rigid                           | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>16:01 |
| S154 | 1296   | tube and (tooth or paste or<br>toothpaste or "tooth paste" or<br>tooth-paste) same aluminum<br>and rigid                          | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>16:01 |
| S155 | 1930   | tube same (tooth or paste or<br>toothpaste or "tooth paste" or<br>tooth-paste) and aluminum<br>and rigid                          | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>16:02 |
| S156 | 887    | tube with (tooth or paste or<br>toothpaste or "tooth paste" or<br>tooth-paste) and aluminum<br>and rigid                          | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>16:03 |
| S157 | 228    | tube with (tooth or paste or<br>toothpaste or "tooth paste" or<br>tooth-paste) and aluminum<br>and rigid and barrier              | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/18<br>16:09 |

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|------|-----|---|---|----|----|---------------------|
| S158 | 228 | tube with (tooth or paste or toothpaste or "tooth paste" or tooth-paste) and aluminum and rigid and barrier   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/18<br>16:41 |
| S159 | 718 | tube.ti. and aluminum and layer and flexible  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/19<br>06:47 |
| S160 | 425 | tube.ti. and aluminum and layer and hard  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/19<br>07:04 |
| S161 | 383 | tube.ti. and aluminum and layer and soft  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/19<br>07:11 |
| S162 | 163 | tube.ti. and aluminum and outer same layer same (hard or rigid or stiff)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/19<br>07:19 |
| S163 | 6   | "60166504"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/19<br>08:55 |
| S164 | 32  | ("20010030192"   "2226049"   "2390822"   "2397051"   "3127085"   "3182861"   "3453661"   "3788549"   "3913734"   "3917116"   "4139665"   "4420080"   "4640425"   "4770325"   "4836384"   "4967910"   "5203379"   "5307955"   "5779110"   "5826737"   "5975359"   "6062413"   "6085941"   "6244467"   "6415939"   "6783030").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/19<br>08:55 |



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| S165 | 47      | ("2446451"   "2524021"  <br>"2541934"   "2604222"  <br>"2628909"   "2687130"  <br>"2947653"   "2956702"  <br>"2987208"   "3075666"  <br>"3117874"   "3204855"  <br>"3255923"   "3386604"  <br>"3469768"   "3537225"  <br>"3586196"   "3651973"  <br>"3746198"   "3782578"  <br>"3790017"   "3796337"  <br>"3804952"   "3822806"  <br>"3871542"   "4183434"  <br>"4193506"   "4196030"  <br>"4238040"   "4411358").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/19<br>08:58 |
| S166 | 0       | packet same foil same plastic<br>same laminate  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/19<br>09:00 |
| S167 | 31      | packet same foil same plastic<br>same laminate  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/19<br>09:01 |
| S168 | 4063065 | fr "2563189"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/19<br>18:33 |
| S169 | 4063058 | fr 19852563189-\$ did.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/19<br>18:35 |
| S170 | 11      | "2563189"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/19<br>18:35 |
| S171 | 21      | "4855168"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/20<br>07:04 |
| S172 | 2       | "5980808"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/20<br>07:05 |
| S173 | 11      | barrier with layer with flexible<br>with resin with tube  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/20<br>11:05 |

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| S174 | 562  | layer with flexible with resin with tube                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/20<br>11:09 |
| S175 | 63   | layer with flexible with resin with tube and aluminum     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/20<br>11:09 |
| S176 | 1650 | layer same flexible with tube and aluminum                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/20<br>11:15 |
| S177 | 53   | layer same flexible with tube and aluminum and toothpaste | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/20<br>11:15 |
| S178 | 8    | (laminat\$5 adj3 tube) with (flexib\$5 and hard\$4)       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31<br>15:07 |
| S179 | 40   | (laminat\$5 adj3 tube) same (flexib\$5 and hard\$4)       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31<br>15:08 |
| S180 | 5    | "2389506"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31<br>15:14 |
| S181 | 22   | "2007653"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31<br>15:15 |
| S182 | 9    | "3424805"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31<br>15:23 |

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| S183 | 6171    | tube with (flexib\$5 and hard\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31<br>15:29 |
| S184 | 105     | laminat\$5 same tube with (flexib\$5 and hard\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/31<br>15:32 |
| S185 | 16      | ("1948570"   "2374858"   "2398505"   "2440339"   "3260411").PN. OR ("4196825").URPN.                         | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/31<br>15:38 |
| S186 | 16      | ("1948570"   "2374858"   "2398505"   "2440339"   "3260411").PN. OR ("4196825").URPN.                         | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/31<br>15:38 |
| S187 | 1170    | (laminat\$4 same tube) same (flexib\$5 and (hard\$4 or rigid))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2007/12/31<br>16:30 |
| S188 | 351     | (laminat\$4 with tube) same (flexib\$5 and (hard\$4 or rigid))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2007/12/31<br>16:31 |
| S189 | 251     | (laminat\$4 with tube) same (flexib\$5 and (hard\$4 or rigid)) and layer                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>06:41 |
| S190 | 1       | (laminat\$4 with tube with tooth) same (flexib\$5 and (hard\$4 or rigid)) and layer                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>06:42 |
| S191 | 4467183 | (tube or container or package or dispenser)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>06:46 |
| S192 | 87183   | (tube or container or package or dispenser) same laminat\$4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>06:46 |
| S193 | 31447   | (tube or container or package or dispenser) and laminat\$4 and flexib\$4 and layer and (hard\$3 or rigid)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>06:48 |
| S194 | 2663    | (tube or container or package or dispenser) same laminat\$4 and flexib\$4 same layer same (hard\$3 or rigid) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>06:48 |

|      |      |   |   |    |    |                     |
|------|------|---|---|----|----|---------------------|
| S195 | 1380 | (tube or container or package or dispenser) with laminat\$4 and flexib\$4 same layer same (hard\$3 or rigid)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>06:49 |
| S196 | 754  | (tube or container or package or dispenser) with laminat\$4 and flexib\$4 with layer same (hard\$3 or rigid)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>06:49 |
| S197 | 516  | (tube or container or package or dispenser) with laminat\$4 and flexib\$4 with layer with (hard\$3 or rigid)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>06:49 |
| S198 | 99   | (tube or container or package or dispenser) with laminat\$4 with flexib\$4 with layer with (hard\$3 or rigid)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>06:49 |
| S199 | 144  | (tube or container or package or dispenser) with laminat\$4 same flexib\$4 with layer with (hard\$3 or rigid)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>06:56 |
| S200 | 147  | (tube or container or package or dispenser) with laminat\$4 same (flexib\$4 or bend\$5) with layer with (hard\$3 or rigid)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>07:14 |
| S201 | 40   | (tube) with laminat\$4 same (flexib\$4 or bend\$5) with layer with (hard\$3 or rigid)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>07:15 |
| S202 | 147  | (tube or container or package or dispenser) with laminat\$4 same (flexib\$4 or bend\$5) with layer with (hard\$3 or rigid)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>07:15 |
| S203 | 147  | (tube or container or package or dispenser) with laminat\$4 same (flexib\$4 or bend\$5 or pliable) with layer with (hard\$3 or rigid)                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>07:21 |
| S204 | 149  | (tube or container or package or dispenser) with laminat\$4 same (flexib\$4 or bend\$5 or pliable or ductile) with layer with (hard\$3 or rigid)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>07:21 |
| S205 | 173  | (tube or container or package or dispenser) with laminat\$4 same (flexib\$4 or bend\$5 or pliable or ductile) with layer with (hard\$3 or rigid or firm or stiff) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | ON | 2008/01/02<br>07:29 |
| S207 | 116  | 428/34.1 and tube and (projection or ridge or rib)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/22<br>14:37 |

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